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June 24, 2016

Project No: 120980-02.05

Invoice No: 47400

Willard Potter
de maximis, inc
186 Center Street, Suite 290
Clinton, NJ 08809

Project 120980-02.05 Lower Passaic River RI/FS

Professional Services from May 01, 2016 to May 31, 2016

Task 01 General Technical Support

Professional Personnel

		Hours	Rate	Amount
Connolly, John	5/6/2016	.50	402.00	201.00
budgeting				
Connolly, John	5/19/2016	.75	402.00	301.50
call with CPG on RI comments				
Connolly, John	5/26/2016	1.00	402.00	402.00
prep for TC briefing/call with DMI				
Connolly, John	5/27/2016	.75	402.00	301.50
Process check				
Coscia-Bingler, Diane	5/26/2016	1.00	89.00	89.00
Upload items to SharePoint library				
Coscia-Bingler, Diane	5/27/2016	.50	89.00	44.50
Upload articles to SharePoint library and catalog				
Israelsson, Peter	5/1/2016	.75	217.00	162.75
TC prep on RI comment discussion				
Israelsson, Peter	5/2/2016	3.50	217.00	759.50
TC meeting presentation prep; call with dmi and RI consultants; coordination with M&N/WW on slides				
Israelsson, Peter	5/3/2016	5.00	217.00	1,085.00
TC meeting prep: slides, cost estimate for dmi; coordinate with other consultants; monthly progress report				
Israelsson, Peter	5/4/2016	7.00	217.00	1,519.00
TC meeting with prep; followup coordination of consultants				
Israelsson, Peter	5/5/2016	3.25	217.00	705.25
Follow on TC meeting request for RI meeting talking points; related calls				
Israelsson, Peter	5/6/2016	3.00	217.00	651.00
Revise list of RI talking points for dmi EPA meeting; related calls with J.Connolly				
Israelsson, Peter	5/9/2016	2.00	217.00	434.00
Followup on potential revisions to talking points list; coordination with the other RI consultants on model topics				
Israelsson, Peter	5/13/2016	.75	217.00	162.75
Review draft April invoices				

Project	120980-02.05	Lower Passaic River RI/FS			Invoice	47400
Israelsson, Peter	5/17/2016	.50	217.00		108.50	
Review dmi EPA call summary; discuss						
Israelsson, Peter	5/20/2016	.75	217.00		162.75	
Invoice review and project management with W.Ku						
Israelsson, Peter	5/25/2016	.50	217.00		108.50	
Respond to dmi request on mapping meeting presentation						
Israelsson, Peter	5/26/2016	.25	217.00		54.25	
Project management						
Israelsson, Peter	5/27/2016	1.50	217.00		325.50	
Passaic process check with J.Connolly; staff workload; May invoice/ budget transmittal review						
Israelsson, Peter	5/31/2016	.75	217.00		162.75	
Project management; edit draft monthly progress report						
Ku, Wen	5/2/2016	.50	175.00		87.50	
finalize March invoice; review April spending						
Ku, Wen	5/3/2016	8.00	175.00		1,400.00	
prep for TC meeting slides; assess updated budget; call/discussion						
Ku, Wen	5/4/2016	3.00	175.00		525.00	
sit in TC meeting						
Ku, Wen	5/6/2016	1.50	175.00		262.50	
discuss/review model comments to TC						
Ku, Wen	5/9/2016	1.50	175.00		262.50	
review April invoice (1st Draft)						
Ku, Wen	5/10/2016	.50	175.00		87.50	
review April invoice (1st Draft)						
Ku, Wen	5/13/2016	.75	175.00		131.25	
review invoice						
Ku, Wen	5/16/2016	.25	175.00		43.75	
Review April invoice						
Ku, Wen	5/17/2016	.50	175.00		87.50	
Review April invoice/backup info						
Ku, Wen	5/18/2016	1.00	175.00		175.00	
submit March invoice/draft April invoice transmittal						
Ku, Wen	5/23/2016	.50	175.00		87.50	
draft April invoice transmittal						
Ku, Wen	5/26/2016	1.50	175.00		262.50	
finalize April invoice; draft May/June progress report; review billing status						
Ku, Wen	5/27/2016	1.50	175.00		262.50	
draft May/June progress report; process check						
Meyers, Mark	5/27/2016	.50	218.00		109.00	
Internal status check						
Narayanan, Raghav	5/3/2016	8.00	136.00		1,088.00	

Project	120980-02.05	Lower Passaic River RI/FS			Invoice	47400
Prep for TC mtg, presentation development						
Narayanan, Raghav TC Meeting	5/4/2016	5.00	136.00		680.00	
Narayanan, Raghav process check	5/27/2016	.50	136.00		68.00	
Oates, Peter TC meeting	5/4/2016	3.00	153.00		459.00	
Quadrini, James Prepare for TC meeting.	5/2/2016	1.00	283.00		283.00	
Quadrini, James Prepare for TC meeting.	5/3/2016	2.75	283.00		778.25	
Quadrini, James Attend TC meeting at K&L Gates in Newark.	5/4/2016	7.00	283.00		1,981.00	
Quadrini, James Prepare issues list for dmi (for use during 5/16 call with EPA).	5/5/2016	2.25	283.00		636.75	
Quadrini, James Review and respond to project emails.	5/9/2016	.25	283.00		70.75	
Quadrini, James Review and respond to project emails.	5/11/2016	.25	283.00		70.75	
Quadrini, James TC call.	5/19/2016	.75	283.00		212.25	
Quadrini, James Call with dmi to discuss EPA call.	5/26/2016	.75	283.00		212.25	
Salvador, Toni Passaic Process Check	5/27/2016	.50	100.00		50.00	
Thorvaldsen, Alyssa Process check	5/27/2016	.50	159.00		79.50	
Totals		88.00			18,194.50	
Total Labor						18,194.50
Reimbursable Expenses						
Conference Calls					7.03	
Meals					9.81	
Transportation					23.08	
Total Reimbursables					39.92	39.92
Unit Billing						
Mileage - eff. 2016					145.26	
Mileage - eff. 2016					14.04	
Total Units					159.30	159.30
Total this Task						\$18,393.72

Task	02	LPR RI Report Revision/EPA Comments Response				
Professional Personnel						
			Hours	Rate	Amount	
Connolly, John compile major issues	5/6/2016	6.00	402.00		2,412.00	
Connolly, John review strategies for dealing with RI comments/issues list	5/9/2016	2.50	402.00		1,005.00	

Project	120980-02.05	Lower Passaic River RI/FS		Invoice	47400
Connolly, John	5/10/2016	3.75	402.00	1,507.50	
develop strategy to address major issues in comments/correspondence with MAB on CPG discussion regarding RI comments					
Connolly, John	5/11/2016	5.50	402.00	2,211.00	
Develop responses to EPA comments					
Connolly, John	5/12/2016	5.00	402.00	2,010.00	
Develop RTCs/coordinate edits to RI Report					
Connolly, John	5/17/2016	2.00	402.00	804.00	
Develop RI Report RTCs					
Connolly, John	5/18/2016	3.50	402.00	1,407.00	
RI report RTCs					
Connolly, John	5/19/2016	2.25	402.00	904.50	
RI report RTCs					
Connolly, John	5/20/2016	5.25	402.00	2,110.50	
RI report RTCs					
Connolly, John	5/23/2016	6.00	402.00	2,412.00	
RI report RTCs					
Connolly, John	5/24/2016	2.00	402.00	804.00	
RI report RTCs					
Connolly, John	5/25/2016	.50	402.00	201.00	
RI report RTCs					
Connolly, John	5/26/2016	6.75	402.00	2,713.50	
RI report RTCs					
Connolly, John	5/27/2016	4.00	402.00	1,608.00	
RI Report comments - major work mandated					
Connolly, John	5/31/2016	1.00	402.00	402.00	
RI Report - major work mandated by comments					
Coscia-Bingler, Diane	5/18/2016	.50	89.00	44.50	
Journal articles - JC					
Coscia-Bingler, Diane	5/23/2016	.50	89.00	44.50	
journal article - JC					
Dang, George	5/2/2016	.50	102.00	51.00	
Review comments for mapping					
Dang, George	5/16/2016	7.50	102.00	765.00	
New map extents and map with side scan sonar					
Dang, George	5/19/2016	1.50	102.00	153.00	
Map edits for RI response					
Dang, George	5/20/2016	1.50	102.00	153.00	
Map edits for RI response					
Forrest, Casey	5/9/2016	2.00	114.00	228.00	
Reviewing partitioning appendices and EPA comments					
Forrest, Casey	5/16/2016	4.75	114.00	541.50	
Response to EPA comments - kinetics and sediment stability					
Forrest, Casey	5/17/2016	3.50	114.00	399.00	
Response to EPA comments- kinetics, sediment stability					
Forrest, Casey	5/18/2016	1.25	114.00	142.50	
Response to EPA comments, sediment stability					
Forrest, Casey	5/19/2016	1.50	114.00	171.00	
Kinetics/shreq, sediment stability					

Project	120980-02.05	Lower Passaic River RI/FS			Invoice	47400
Forrest, Casey	5/23/2016	2.00	114.00		228.00	
Response to EPA comments - bathymetry						
Forrest, Casey	5/24/2016	.75	114.00		85.50	
RI comments, bathy						
Forrest, Casey	5/25/2016	.75	114.00		85.50	
sediment stability EPA response to comments						
Forrest, Casey	5/27/2016	.25	114.00		28.50	
Call with RN regarding river analysis						
Glaser, Naomi	5/25/2016	.50	56.00		28.00	
Find Article for Wen Ku						
Israelsson, Peter	5/1/2016	.50	217.00		108.50	
RI comments on model; coordinate on non-model comments						
Israelsson, Peter	5/2/2016	3.50	217.00		759.50	
EPA RI comments (modeling and non-modeling)						
Israelsson, Peter	5/3/2016	2.50	217.00		542.50	
Review remaining non-modeling comments (Sec6, AppG, AppH); discuss modeling comments						
Israelsson, Peter	5/5/2016	1.50	217.00		325.50	
Continued review/discussion of EPA RI modeling comments						
Israelsson, Peter	5/6/2016	3.00	217.00		651.00	
Continued review of RI comments; EPA modeling meeting topics						
Israelsson, Peter	5/9/2016	5.00	217.00		1,085.00	
EPA RI comments; partitioning and fluff model equations						
Israelsson, Peter	5/10/2016	6.50	217.00		1,410.50	
develop notes/rederivation on fluff equations in response to EPA comment						
Israelsson, Peter	5/11/2016	7.50	217.00		1,627.50	
Finalize fluff equation notes and plan; call with team; partitioning review						
Israelsson, Peter	5/12/2016	6.50	217.00		1,410.50	
EPA RI comments; internal coordination call on response effort; partitioning approach writeup draft						
Israelsson, Peter	5/13/2016	3.50	217.00		759.50	
partitioning settings/analysis of CWCM and Koc literature; discussion with P.Oates on EPA presentation options						
Israelsson, Peter	5/15/2016	2.00	217.00		434.00	
bed equations for EPA meeting discussion						
Israelsson, Peter	5/17/2016	1.00	217.00		217.00	
EPA position on COPC list from other docs; discuss issues with recreating EPA's partitioning calcs in RI response						
Israelsson, Peter	5/18/2016	2.75	217.00		596.75	
Outline RI response arguments on modeling issues and related CWCM topics; COPC list (split with model dev task)						
Israelsson, Peter	5/19/2016	3.50	217.00		759.50	

Project	120980-02.05	Lower Passaic River RI/FS			Invoice	47400
Natural recovery comment; prioritization of RI comments in response to dmi request for updated matrix; modeling and non-modeling overlap issues such as fluff and CWCW						
Israelsson, Peter	5/20/2016	2.00	217.00		434.00	
Call on RI report comments; work on responses to Section 6 and modeling topics						
Israelsson, Peter	5/21/2016	.50	217.00		108.50	
EPA responses (fluff, Section 6)						
Israelsson, Peter	5/23/2016	5.50	217.00		1,193.50	
EPA comments, mainly non-modeling (Sections 6 and 3)						
Israelsson, Peter	5/24/2016	6.50	217.00		1,410.50	
complete initial draft of comment responses on Sections 6+3 and circulate internally						
Israelsson, Peter	5/25/2016	6.00	217.00		1,302.00	
Edit initial responses on modeling comments; followup on non-modeling responses; fluff research papers						
Israelsson, Peter	5/26/2016	6.00	217.00		1,302.00	
Discuss Section 3 comments with J.Connolly; Complete editing of modeling RI responses and transmit to J.Connolly; AppG&H comments; review feedback						
Israelsson, Peter	5/27/2016	3.00	217.00		651.00	
Finalize with team the draft matrix submittal on modeling and non-modeling topics; review mandatory work list from J.Connolly; followup on RI carbon analysis						
Israelsson, Peter	5/31/2016	2.50	217.00		542.50	
Check on RI analyses and meeting prep efforts; Mandatory RI analyses list for dmi						
Ku, Wen	5/2/2016	8.00	175.00		1,400.00	
discuss/call on EPA's modeling comments						
Ku, Wen	5/4/2016	4.00	175.00		700.00	
review/discuss RI comments and followup work						
Ku, Wen	5/5/2016	7.50	175.00		1,312.50	
discuss modeling comments and RI issue list; review Section 6 comments response; draft email to MN on modeling topics						
Ku, Wen	5/6/2016	4.50	175.00		787.50	
review section 6 comments						
Ku, Wen	5/9/2016	5.00	175.00		875.00	
discuss/review fluff related comments						
Ku, Wen	5/10/2016	5.00	175.00		875.00	
discuss/review fluff related comments; review comment about dep-framework and COPCs						
Ku, Wen	5/11/2016	5.00	175.00		875.00	
compile/discuss EPA comments on the modeling						
Ku, Wen	5/12/2016	8.00	175.00		1,400.00	
check sorption settings for Phyto-C; process check; review modeling work plan/risk assessment needs						
Ku, Wen	5/13/2016	3.00	175.00		525.00	
review partitioning topics						
Ku, Wen	5/16/2016	4.50	175.00		787.50	

Project	120980-02.05	Lower Passaic River RI/FS			Invoice	47400
		review SHREQ/EPA documents about model calibration/COPCs used				
Ku, Wen	5/17/2016	5.50	175.00		962.50	
		review EPA documents about model calibration/COPCs used				
Ku, Wen	5/18/2016	2.50	175.00		437.50	
		draft comment responses				
Ku, Wen	5/19/2016	6.50	175.00		1,137.50	
		compile fluff implementation in ST; draft response matrix for the modeling; assess dep framework				
Ku, Wen	5/20/2016	7.00	175.00		1,225.00	
		draft response matrix for the modeling; process check				
Ku, Wen	5/23/2016	4.50	175.00		787.50	
		draft response matrix for the modeling; review dep-framework/consolidation topics				
Ku, Wen	5/24/2016	6.00	175.00		1,050.00	
		compile analysis to support comment response; review comments related to consolidation; merge M&N comments in RTC				
Ku, Wen	5/25/2016	5.00	175.00		875.00	
		review section 6 comments response				
Ku, Wen	5/26/2016	5.50	175.00		962.50	
		review modeling comments; respond to Appendix G/H comments				
Ku, Wen	5/27/2016	5.00	175.00		875.00	
		compile task list; review modeling comments				
Meyers, Mark	5/2/2016	.50	218.00		109.00	
		Address specific gravity question (specific gravity analyzed in lab)				
Meyers, Mark	5/13/2016	.50	218.00		109.00	
		Data-related issues				
Meyers, Mark	5/23/2016	.50	218.00		109.00	
		Evaluating data-related comments				
Meyers, Mark	5/24/2016	1.00	218.00		218.00	
		Evaluating data-related comments				
Miyasaka, Shuhei	5/2/2016	.50	88.00		44.00	
		rm 10.9 bathy ri/fs analysis investigation				
Miyasaka, Shuhei	5/6/2016	2.50	88.00		220.00	
		sv-cwcm copc distribution analysis				
Miyasaka, Shuhei	5/9/2016	2.00	88.00		176.00	
		1995 copc sediment spatial analysis				
Miyasaka, Shuhei	5/12/2016	1.75	88.00		154.00	
		1)2,3,7,8-tcdd data review 2)cs-137 data analysis				
Miyasaka, Shuhei	5/13/2016	8.00	88.00		704.00	
		1)cs-137 data analysis 2)coordinate database refinements				
Miyasaka, Shuhei	5/16/2016	7.75	88.00		682.00	
		1)bed stability analysis. 2)bathymetry differential analysis				
Miyasaka, Shuhei	5/17/2016	8.00	88.00		704.00	
		1)bed stability analysis (cs-137 analysis and bathy differentials) 2)revisit tcdd depth of peak analysis				

Project	120980-02.05	Lower Passaic River RI/FS			Invoice	47400
Miyasaka, Shuhei	5/18/2016	7.00	88.00		616.00	
bed stability analysis (cs-137 analysis and bathy differentials)						
Miyasaka, Shuhei	5/19/2016	7.75	88.00		682.00	
bed stability analysis (cs-137 analysis and bathy differentials)						
Miyasaka, Shuhei	5/20/2016	4.00	88.00		352.00	
1)bed stability analysis 2)review model surface and subsurface layer interpolation process						
Miyasaka, Shuhei	5/23/2016	7.75	88.00		682.00	
bed stability analysis						
Miyasaka, Shuhei	5/24/2016	5.75	88.00		506.00	
bed stability analysis						
Miyasaka, Shuhei	5/25/2016	4.75	88.00		418.00	
bed stability analysis						
Miyasaka, Shuhei	5/26/2016	1.00	88.00		88.00	
bed stability analysis						
Narayanan, Raghav	5/1/2016	3.00	136.00		408.00	
Comment review						
Narayanan, Raghav	5/2/2016	10.00	136.00		1,360.00	
Calls with shuhei, alyssa, peter, pete, wen; call with entire RI team, work on comment response and pptx, prep for wed tc meeting						
Narayanan, Raghav	5/3/2016	7.00	136.00		952.00	
comment review						
Narayanan, Raghav	5/4/2016	3.00	136.00		408.00	
review matrix						
Narayanan, Raghav	5/5/2016	5.00	136.00		680.00	
Review comment matrix, consolidate responses from other consultants						
Narayanan, Raghav	5/6/2016	5.00	136.00		680.00	
Email list of comments for May 16 EPA mtg, identify comment numbers, calls with team						
Narayanan, Raghav	5/9/2016	1.00	136.00		136.00	
Comment matrix review						
Narayanan, Raghav	5/12/2016	5.00	136.00		680.00	
RI call and coordinate analysis for response development, individual task distribution and calls/discussions with team						
Narayanan, Raghav	5/13/2016	3.00	136.00		408.00	
Coordinate analyses for response to RI						
Narayanan, Raghav	5/16/2016	5.00	136.00		680.00	
RI Response matrix - mtg with JQ, calls with Alyssa and Casey; oversee Cs-137 analysis						
Narayanan, Raghav	5/17/2016	4.00	136.00		544.00	
Response to RI comments - analysis and discussions with Shuhei, Casey						
Narayanan, Raghav	5/18/2016	5.50	136.00		748.00	
Review and oversee bed stability analysis, review 0.5 mile bins, calls and discussions with Shuhei, Casey, Alyssa						
Narayanan, Raghav	5/19/2016	6.00	136.00		816.00	
Review and oversee bed stability analysis, review 0.5 mile bins, calls and discussions with Shuhei, Casey						
Narayanan, Raghav	5/20/2016	7.00	136.00		952.00	
Review and oversee bed stability analysis, review 0.5 mile bins, calls and discussions with Shuhei, Casey, Alyssa, fill in matrix						

Project	120980-02.05	Lower Passaic River RI/FS			Invoice	47400
Narayanan, Raghav	5/23/2016	2.00	136.00		272.00	
Go over bathy analysis						
Narayanan, Raghav	5/24/2016	3.00	136.00		408.00	
Calls with Casey, Shuhei, Alyssa, go over Cs-137 work						
Narayanan, Raghav	5/25/2016	5.00	136.00		680.00	
Comment response matrix - fill in and review						
Narayanan, Raghav	5/26/2016	5.00	136.00		680.00	
Comment response matrix - fill in and review, Calls with Shuhei et al. to go over Cs-137 figures and work						
Narayanan, Raghav	5/27/2016	4.50	136.00		612.00	
Comment response matrix review and coordination, call with Casey to go over analysis						
Narayanan, Raghav	5/31/2016	8.00	136.00		1,088.00	
Coordinate responses, review Cs results, list significant efforts and Level of efforts						
Oates, Peter	5/2/2016	8.00	153.00		1,224.00	
RI comment responses, Fluff, partitioning						
Oates, Peter	5/3/2016	6.00	153.00		918.00	
RI comment responses, Fluff, partitioning						
Oates, Peter	5/4/2016	2.00	153.00		306.00	
RI comment responses, Fluff, partitioning						
Oates, Peter	5/5/2016	4.00	153.00		612.00	
RI comment responses, Fluff, partitioning						
Oates, Peter	5/6/2016	8.00	153.00		1,224.00	
RI comment responses, Fluff, partitioning						
Oates, Peter	5/9/2016	8.00	153.00		1,224.00	
RI comment responses, Fluff, partitioning						
Oates, Peter	5/10/2016	8.00	153.00		1,224.00	
RI comment responses, Fluff, partitioning						
Oates, Peter	5/11/2016	8.00	153.00		1,224.00	
RI comment responses, Fluff, partitioning, calls						
Oates, Peter	5/12/2016	8.00	153.00		1,224.00	
RI comment responses, Fluff, partitioning						
Oates, Peter	5/13/2016	8.00	153.00		1,224.00	
RI comment responses, Fluff, calls						
Oates, Peter	5/16/2016	5.00	153.00		765.00	
RI comment responses, partitioning, Fluff						
Oates, Peter	5/17/2016	4.00	153.00		612.00	
RI comment responses, partitioning, Fluff						
Oates, Peter	5/18/2016	5.00	153.00		765.00	
RI comment responses, partitioning, Fluff						
Oates, Peter	5/19/2016	5.50	153.00		841.50	
RI comment responses, partitioning, Fluff						
Oates, Peter	5/20/2016	5.00	153.00		765.00	
RI comment responses, partitioning, Fluff, call on RI report status						

Project	120980-02.05	Lower Passaic River RI/FS			Invoice	47400
Oates, Peter		5/23/2016	5.00	153.00	765.00	
RI comment responses, partioning, Fluff						
Oates, Peter		5/24/2016	8.00	153.00	1,224.00	
RI comment responses						
Oates, Peter		5/25/2016	4.00	153.00	612.00	
RI comment responses, partioning, Fluff						
Oates, Peter		5/26/2016	5.00	153.00	765.00	
RI comment responses, partioning						
Oates, Peter		5/27/2016	6.00	153.00	918.00	
RI comment responses, partioning, Fluff						
Oates, Peter		5/31/2016	3.00	153.00	459.00	
RI comment responses, partioning, Fluff						
Pendleton, Eben		5/10/2016	.75	102.00	76.50	
database update						
Pendleton, Eben		5/16/2016	4.00	102.00	408.00	
Map and table updates						
Pendleton, Eben		5/19/2016	3.00	102.00	306.00	
Map updates						
Quadrini, James		5/3/2016	3.00	283.00	849.00	
Review RI comments.						
Quadrini, James		5/12/2016	1.25	283.00	353.75	
RI comment response prep call.						
Quadrini, James		5/16/2016	.50	283.00	141.50	
RI comments strategy discussion with Narayanan.						
Quadrini, James		5/20/2016	1.00	283.00	283.00	
Review RI RTC emails. Call to discuss RTC approach.						
Quadrini, James		5/23/2016	2.25	283.00	636.75	
Review RI Report comment responses.						
Quadrini, James		5/24/2016	.75	283.00	212.25	
Review RI Report comment responses.						
Quadrini, James		5/26/2016	2.00	283.00	566.00	
Review WW responses to RI comments.						
Quadrini, James		5/27/2016	1.75	283.00	495.25	
Review RTC. Submit RI Report responses to dmi.						
Quadrini, James		5/31/2016	2.00	283.00	566.00	
Review EPA requests table. Fill in benefits and estimated LOE.						
Salvador, Toni		5/3/2016	.50	100.00	50.00	
RI response matrix.						
Salvador, Toni		5/27/2016	.75	100.00	75.00	
RI Response Matrix formatting.						
Thorvaldsen, Alyssa		5/1/2016	1.00	159.00	159.00	
Read EPA comments on section 10						
Thorvaldsen, Alyssa		5/2/2016	1.00	159.00	159.00	
Assess EPA comments on section 10						
Thorvaldsen, Alyssa		5/6/2016	.75	159.00	119.25	
call on RI comments						
Thorvaldsen, Alyssa		5/13/2016	2.50	159.00	397.50	
look into addressing EPA RI comments						
Thorvaldsen, Alyssa		5/16/2016	1.75	159.00	278.25	

Project	120980-02.05	Lower Passaic River RI/FS			Invoice	47400
RI comments, discuss new maps						
Thorvaldsen, Alyssa	5/17/2016	7.00	159.00		1,113.00	
RI comments, review maps with 1/2-mile bins						
Thorvaldsen, Alyssa	5/18/2016	6.50	159.00		1,033.50	
Address RI comments, discuss bathymetry data, Map of river in ½ mile bins						
Thorvaldsen, Alyssa	5/20/2016	7.00	159.00		1,113.00	
RI comments status call, discuss Cs-137 profiles						
Thorvaldsen, Alyssa	5/24/2016	6.50	159.00		1,033.50	
sediment stability, Cs-137						
Thorvaldsen, Alyssa	5/25/2016	4.00	159.00		636.00	
Attachment B to Appendix M, Cs-137						
Thorvaldsen, Alyssa	5/27/2016	3.50	159.00		556.50	
sediment stability						
Thorvaldsen, Alyssa	5/31/2016	7.00	159.00		1,113.00	
sediment stability						
Wang, Sheng	5/24/2016	1.00	104.00		104.00	
evaluating data-related comments						
Wang, Sheng	5/30/2016	1.00	104.00		104.00	
evaluating data-related comments						
Totals		634.00			112,740.75	
Total Labor						112,740.75
Reimbursable Expenses						
Conference Calls					99.45	
Reference Materials/Permits					96.90	
Total Reimbursables					196.35	196.35
Total this Task						\$112,937.10

Task	03	COPC Mapping			
Professional Personnel					
			Hours	Rate	Amount
Dang, George	5/2/2016		5.75	102.00	586.50
Mapping calculate areas and averages code					
Dang, George	5/3/2016		2.00	102.00	204.00
Area calculations, answering mapping questions, Prepare EPA deliverable					
Dang, George	5/4/2016		6.00	102.00	612.00
Debug interpolation code					
Dang, George	5/6/2016		.50	102.00	51.00
Answering mapping questions					
Dang, George	5/13/2016		4.00	102.00	408.00
Mapping write-up					
Dang, George	5/24/2016		2.50	102.00	255.00
Mapping model testing and debug					
Dang, George	5/26/2016		6.25	102.00	637.50
Documentation for interpolation					
Dang, George	5/27/2016		3.00	102.00	306.00
Documentation					

Project	120980-02.05	Lower Passaic River RI/FS			Invoice	47400
Israelsson, Peter	5/3/2016	.50	217.00		108.50	
COPC mapping transmittal						
Israelsson, Peter	5/4/2016	1.00	217.00		217.00	
EPA transmittal of COPC mapping materials						
Israelsson, Peter	5/6/2016	1.50	217.00		325.50	
Discuss mapping documentation; discuss approach extension to other COPCs						
Israelsson, Peter	5/17/2016	.50	217.00		108.50	
COPC mapping documentation						
Lu, Zhenyu	5/3/2016	3.50	112.00		392.00	
Create the cross-plots of post-remedy concentration with different RALs. Pull together a table to summarize the SWAC and remediation acreage of each RAL. Think about the possible changes for the current plotting code.						
Lu, Zhenyu	5/23/2016	3.00	112.00		336.00	
Debug and test the interpolation tool on ArcGIS 10.2.						
Lu, Zhenyu	5/24/2016	1.50	112.00		168.00	
Debug and test the interpolation tool on ArcGIS 10.2.						
Miyasaka, Shuhei	5/3/2016	2.00	88.00		176.00	
copc mapping for tc meeting						
Oates, Peter	5/3/2016	2.00	153.00		306.00	
Covariance of different COPCs						
Oates, Peter	5/4/2016	1.00	153.00		153.00	
multiple COPCs						
Thorvaldsen, Alyssa	5/2/2016	6.50	159.00		1,033.50	
prepare files to transfer to EPA, mapping info for TC meeting						
Thorvaldsen, Alyssa	5/3/2016	7.50	159.00		1,192.50	
prepare files to transfer to EPA, mapping info for TC meeting						
Thorvaldsen, Alyssa	5/4/2016	2.75	159.00		437.25	
transfer files to EPA, look into other COPCs, document mapping approach						
Thorvaldsen, Alyssa	5/6/2016	2.00	159.00		318.00	
discuss and look into mapping multiple COPCs						
Thorvaldsen, Alyssa	5/9/2016	4.75	159.00		755.25	
outline for mapping document, read RI comments on mapping, update appendix J for new mapping						
Thorvaldsen, Alyssa	5/10/2016	3.75	159.00		596.25	
update Appendix J to describe CS mapping						
Thorvaldsen, Alyssa	5/11/2016	2.00	159.00		318.00	
update Appendix J to describe CS mapping						
Thorvaldsen, Alyssa	5/13/2016	2.50	159.00		397.50	
update Appendix J to describe CS mapping						
Thorvaldsen, Alyssa	5/27/2016	.50	159.00		79.50	
discuss files and documentation with George						
Totals		78.75			10,478.25	
Total Labor						10,478.25
Reimbursable Expenses						
Conference Calls					28.65	
Meals					14.04	
Transportation					843.45	
Total Reimbursables					886.14	886.14

Project	120980-02.05	Lower Passaic River RI/FS	Invoice		47400
Total this Task				\$11,364.39	
<hr/>					
Task	04	CFT Model Refinement			
Professional Personnel					
			Hours	Rate	Amount
Forrest, Casey	5/11/2016		1.25	114.00	142.50
SHREQ analysis					
Forrest, Casey	5/12/2016		3.00	114.00	342.00
SHREQ analysis					
Forrest, Casey	5/13/2016		2.50	114.00	285.00
SHREQ analysis					
Israelsson, Peter	5/17/2016		1.50	217.00	325.50
Prepare alternate proposal on fluff layer; partitioning discussion					
Israelsson, Peter	5/18/2016		2.75	217.00	596.75
Prepare arguments for EPA modeling meeting (split with RI response); call with P.Oates; COPC list and fluff layer eq					
Israelsson, Peter	5/19/2016		3.50	217.00	759.50
EPA model meeting agenda; subsequent discussion of slide prep; structure fluff arguments and equations; OC linkage/bulk density issue					
Israelsson, Peter	5/20/2016		2.00	217.00	434.00
Followup on plans for EPA presentations; fluff layer equations; call to review partitioning slide outline					
Israelsson, Peter	5/21/2016		.50	217.00	108.50
Fluff layer presentation options					
Israelsson, Peter	5/24/2016		.50	217.00	108.50
review model-related tasks from W.Ku					
Israelsson, Peter	5/26/2016		1.00	217.00	217.00
EPA modeling meeting related topics					
Israelsson, Peter	5/27/2016		.50	217.00	108.50
EPA presentation topics					
Ku, Wen	5/19/2016		.50	175.00	87.50
review modeling meeting agenda					
Ku, Wen	5/23/2016		2.00	175.00	350.00
draft COPCs slides for the model meeting;					
Ku, Wen	5/25/2016		3.00	175.00	525.00
review consolidation					
Ku, Wen	5/31/2016		4.50	175.00	787.50
review dep framework					
Oates, Peter	5/16/2016		2.00	153.00	306.00
model meeting presentation prep					
Oates, Peter	5/17/2016		3.00	153.00	459.00
model meeting presentation prep					

Project	120980-02.05	Lower Passaic River RI/FS			Invoice	47400
Oates, Peter		5/18/2016	3.00	153.00	459.00	
model meeting presentation prep						
Oates, Peter		5/19/2016	2.50	153.00	382.50	
model meeting presentation prep, CPG response for model agenda						
Oates, Peter		5/20/2016	3.00	153.00	459.00	
model meeting presentation prep						
Oates, Peter		5/23/2016	2.00	153.00	306.00	
model meeting presentation prep						
Oates, Peter		5/25/2016	3.00	153.00	459.00	
model meeting presentation prep						
Oates, Peter		5/26/2016	3.00	153.00	459.00	
model meeting presentation prep						
Oates, Peter		5/27/2016	2.00	153.00	306.00	
model meeting presentation prep						
Oates, Peter		5/31/2016	1.00	153.00	153.00	
model meeting presentation prep						
	Totals		53.50		8,926.25	
	Total Labor					8,926.25
				Total this Task		\$8,926.25
				Total this Invoice		\$151,621.46

Outstanding Invoices

Number	Date	Balance
46808	4/27/2016	105,450.15
47187	5/24/2016	132,316.04
Total		237,766.19

Invoice cc:
 Marylin Jenkins
 Law Offices of Marylin Jenkins PC
 220 Merrimack Street, Suite 625
 Lawrence, MA 01945
 Phone: 781.780.1937
 Fax: 978.655.1456
 mjenkins@edgcomb-law.com



May 2016 WebEX Invoice

Unit Price	Total Minutes	Total Amount	Meeting Date	Meeting Name	Host Name
0.038	60	\$ 2.28	5/3/2016	Prep for 5/4 TC mtg	Raghav Narayanan
0.038	61	\$ 2.32	5/3/2016	Prep for 5/4 TC mtg	Raghav Narayanan
0.038	64	\$ 2.43	5/3/2016	Prep for 5/4 TC mtg	Raghav Narayanan
		\$ 7.03	✗ Conference Calls		

FOR COMPANY CREDIT CARD CHARGES ONLY

Check one:

☐ Bank of America Visa☒ AMEX

and

☐ JPC☐ CKZ☐ DG☐ JRR☒ JPC

Check one:

☐ MDL☐ JER☐ MHM☐ KTR☐ JRR☐ JB☐ JPM☐ LES☐ DCB☐ JQ☐ ED☐ CCY☐ LRK

DG

GENERAL EXPENSE STATEMENTEmployee: John ConnollyDate: 5/9/2016Job:Task# 120980-02.05 T 1

Account: _____

Internal# _____

Date of Expenditure	Vendor	Description	Amount
04/27/16	Breakfast	No receipt	\$9.81 <input checked="" type="checkbox"/> Meals
TOTAL			\$9.81

Employee Signature: Bungle

Approved By: _____

Form Revised 5/9/2016

Task 01



Account #18704

TRANSACTION VIEW

Generated: 5/6/2016 10:03

POSTING DATE	TRANSACTION DATE	TAG/PLATE NUMBER	AGENCY	ACTIVITY	ENTRY TIME	ENTRY PLAZA	ENTRY LANE	EXIT TIME	EXIT PLAZA	EXIT LANE	VEHICLE TYPE CODE	AMOUNT	PREP AID	PLAN/RATE	FARE TYPE	BALANCE
04/27/2016	04/27/2016	00406726361	MTAB&T	TOLL	-	-	-	13:53:33	TNB	015	1	\$5.54	X	STANDARD	N	\$63.32
04/28/2016	04/27/2016	00406726361	PANYNJ	TOLL	-	-	-	13:39:55	GWU	08	1	\$10.50	X	STANDARD	N	\$52.82
04/28/2016	04/27/2016	00406726361	GSP	TOLL	-	-	-	13:23:22	PVK	07S	1	\$1.50	X	STANDARD	N	\$51.32
04/27/2016	04/27/2016	00406726361	MTAB&T	TOLL	-	-	-	07:47:03	TNB	024	1	\$5.54	X	STANDARD	N	\$68.86

Transportation

Vector of Customer



Task 01

INTERNAL EXPENSES MILEAGE
May 2016

Expense Code A5513F

Date	Driver	Project	Task	Description	# of miles	Reimb. Exp/mile	Total Amount
4/27/2016	Connolly, J.	120980 02.05	01	E.Hampton to Mahwa mapping meeting with EPA	269	0.54	\$ 145.26

X Mileage



Task 01

INTERNAL EXPENSES MILEAGE
May 2016

Expense Code A5513F

Date	Driver	Project	Task	Description	# of miles	Reimb. Exp/mile	Total Amount
5/4/2016	Quadrini, J	120980 02.05	10	Oakland, NJ to Newark for TC meeting	26	0.54	\$ 14.04

X Mileage



Task 02

May 2016 WebEX Invoice

Unit Price	Total Minutes	Total Amount	Meeting Date	Meeting Name	Host Name
0.038	109	\$ 4.14	5/3/2016	Passaic RI Comments	Raghav Narayanan
0.038	108	\$ 4.10	5/3/2016	Passaic RI Comments	Raghav Narayanan
0.038	109	\$ 4.14	5/3/2016	Passaic RI Comments	Raghav Narayanan
		\$ 12.39	X Conference Calls		



May 2016 WebEX Invoice

Unit Price	Minutes	Amount	Meeting Date	Meeting Name	Host Name
0.038	23	\$ 0.87	5/5/2016	Comments and themes for TC	Raghav Narayanan
0.038	22	\$ 0.84	5/5/2016	Comments and themes for TC	Raghav Narayanan
0.038	20	\$ 0.76	5/5/2016	Comments and themes for TC	Raghav Narayanan
0.038	15	\$ 0.57	5/2/2016	Passaic RI Response Alternatives Call	Raghav Narayanan
0.038	62	\$ 2.36	5/2/2016	Passaic RI Response Alternatives Call	Raghav Narayanan
0.038	63	\$ 2.39	5/2/2016	Passaic RI Response Alternatives Call	Raghav Narayanan
0.038	61	\$ 2.32	5/2/2016	Passaic RI Response Alternatives Call	Raghav Narayanan
0.038	61	\$ 2.32	5/2/2016	Passaic RI Response Alternatives Call	Raghav Narayanan
0.038	58	\$ 2.20	5/2/2016	Passaic RI Response Alternatives Call	Raghav Narayanan
0.038	54	\$ 2.05	5/2/2016	Passaic RI Response Alternatives Call	Raghav Narayanan
0.038	59	\$ 2.24	5/2/2016	Passaic RI Response Alternatives Call	Raghav Narayanan
0.038	62	\$ 2.36	5/2/2016	Passaic RI Response Alternatives Call	Raghav Narayanan
0.038	61	\$ 2.32	5/2/2016	Passaic RI Response Alternatives Call	Raghav Narayanan
0.038	62	\$ 2.36	5/2/2016	Passaic RI Response Alternatives Call	Raghav Narayanan
0.038	62	\$ 2.36	5/2/2016	Passaic RI Response Alternatives Call	Raghav Narayanan
0.038	61	\$ 2.32	5/2/2016	Passaic RI Response Alternatives Call	Raghav Narayanan
		\$ 30.63	X Conference Calls		



May 2016 WebEX Invoice

Unit Price	Minutes	Amount	Meeting Date	Meeting Name	Host Name
0.038	73	\$ 2.77	5/5/2016	Passaic discuss partition/fluff related topic	Wen Ku
0.038	77	\$ 2.93	5/5/2016	Passaic discuss partition/fluff related topic	Wen Ku
0.038	75	\$ 2.85	5/5/2016	Passaic discuss partition/fluff related topic	Wen Ku
0.038	52	\$ 1.98	4/26/2016	Passaic discuss RI comment response categories	Peter Israelsson
0.038	52	\$ 1.98	4/26/2016	Passaic discuss RI comment response categories	Peter Israelsson
0.038	1	\$ 0.04	4/28/2016	Passaic EPA comments	Wen Ku
0.038	58	\$ 2.20	4/28/2016	Passaic EPA comments	Wen Ku
0.038	71	\$ 2.70	4/28/2016	Passaic EPA comments	Wen Ku
0.038	152	\$ 5.78	4/28/2016	Passaic EPA comments	Wen Ku
0.038	150	\$ 5.70	4/28/2016	Passaic EPA comments	Wen Ku
0.038	79	\$ 3.00	4/28/2016	Passaic EPA RI comments	Wen Ku
0.038	80	\$ 3.04	4/28/2016	Passaic EPA RI comments	Wen Ku
0.038	48	\$ 1.82	4/28/2016	Passaic EPA RI comments	Wen Ku
0.038	116	\$ 4.41	5/2/2016	Passaic RI Comments response	Wen Ku
0.038	31	\$ 1.18	5/2/2016	Passaic RI Comments response	Wen Ku
0.038	116	\$ 4.41	5/2/2016	Passaic RI Comments response	Wen Ku
0.038	117	\$ 4.45	5/2/2016	Passaic RI Comments response	Wen Ku
0.038	10	\$ 0.38	5/2/2016	Passaic RI Comments response	Wen Ku
		\$ 51.60	X Conference Calls		



May 2016 WebEX Invoice

Unit Price	Total Minutes	Total Amount	Meeting Date	Meeting Name	Host Name
0.038	35	\$ 1.33	5/2/2016	Passaic Modeling Comments	Wen Ku
0.038	30	\$ 1.14	5/2/2016	Passaic Modeling Comments	Wen Ku
0.038	27	\$ 1.03	5/2/2016	Passaic Modeling Comments	Wen Ku
0.038	35	\$ 1.33	5/2/2016	Passaic Modeling Comments	Wen Ku
		\$ 4.83	✕ Conference Calls		

Task 02

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May 2016 WebEX Invoice

Unit Price	Minutes	Amount	Meeting Date	Meeting Name	Host Name
0.038	30	\$ 1.14	4/26/2016	Passaic call to discuss new .ppt slides	Alyssa Thorvaldsen
0.038	48	\$ 1.82	4/26/2016	Passaic call to discuss new .ppt slides	Alyssa Thorvaldsen
0.038	50	\$ 1.90	4/26/2016	Passaic call to discuss new .ppt slides	Alyssa Thorvaldsen
0.038	82	\$ 3.12	4/25/2016	Passaic discuss .ppt for EPA meeting	Alyssa Thorvaldsen
0.038	86	\$ 3.27	4/25/2016	Passaic discuss .ppt for EPA meeting	Alyssa Thorvaldsen
0.038	81	\$ 3.08	4/25/2016	Passaic discuss .ppt for EPA meeting	Alyssa Thorvaldsen
0.038	68	\$ 2.58	4/7/2016	Passaic EPA mapping presentation discussion	Peter Israelsson
0.038	68	\$ 2.58	4/7/2016	Passaic EPA mapping presentation discussion	Peter Israelsson
0.038	69	\$ 2.62	4/7/2016	Passaic EPA mapping presentation discussion	Peter Israelsson
0.038	56	\$ 2.13	4/12/2016	Passaic mapping ppt check in	Peter Israelsson
0.038	57	\$ 2.17	4/12/2016	Passaic mapping ppt check in	Peter Israelsson
0.038	59	\$ 2.24	4/12/2016	Passaic mapping ppt check in	Peter Israelsson
		\$ 28.65	X Conference Calls		

Task 03

CHANGE

..45

CAFE AMORE

02/17/2016 000000
#4279 9:33AM SERV.0010001

MISC	
SM COFFEE/TEA	\$3.99
MDSE ST	\$1.25
TAXI	\$5.24
	\$0.37

***TOTAL
CASH
CHANGE

\$5.61
\$20.00
\$14.39

 Meals



TRANSACTIONS FOR

01/01/2016 to 05/01/2016

Account Name: ANTONIO ARAUJO

Account #: ~~2021506~~

ACCOUNT SUMMARY

Beginning Balance	Tolls & Other Usage	Payments	Fees & Adjustments	Ending Balance	Mileage
\$12.00	(\$27.00)	\$25.00	\$0.00	\$10.00	0.0

Posted	Date & Time	Transaction	Transponder	Entry Plaza	Entry Lane	Exit Plaza	Exit Lane	Mileage	Amount	Account Balance
01/27	01/27/2016 06:19:58 PM	E-ZPass MA	02102773922			APG - Amtrak/MBTA Garage	1	0.0	-7.00	5.00
01/28	01/28/2016 01:07:23 AM	Credit Card - Replenish						0.0	15.00	20.00
02/14	02/14/2016 05:07:13 PM	E-ZPass MA	02102773921			TWT - Ted Williams Tunnel	3	0.0	-3.00	17.00
02/16	02/17/2016 06:26:43 PM	E-ZPass MA	02102773922			APG - Amtrak/MBTA Garage	1	0.0	-7.00	10.00
02/19	02/19/2016 01:22:24 AM	Credit Card - Replenish						0.0	10.00	20.00
04/27	04/27/2016 06:00:43 PM	E-ZPass MA	02102773922			APG - Amtrak/MBTA Garage	1	0.0	-7.00	13.00
05/01	05/01/2016 03:26:52 PM	E-ZPass MA	02102773921			TWT - Ted Williams Tunnel	3	0.0	-3.00	10.00

Transportation

Parking at Amtrak Station

Meals
1/27 - \$1.75 X
no receipt

WELCOME

T009693752-001
BONGIORNO'S
288 WEST AVENUE
STAMFORD CT 0690

DATE 04/27/16
TIME 1:15 PM
AUTH# 08593C

VISA

PLMP PRODUCT PPG
05 UNLD \$2.399

GALLONS TOTAL
2.898 \$6.95

Transportation

04/27/2016
Merchant ID:
Device ID:
Terminal ID:

09:10:39
XXXXXXXXXX9080
3030
PD071.

CAFE AMORE
1 INTERNATIONAL BLVD
MAHWAH, NJ 0745
201-880-6494

CREDIT CARD
VISA SALE

CARD #
TRANS #
Batch #:
Approval Code:
ACI Code:
TRANS ID:
Entry Method:
Mode:

XXXXXXXXXX5631
009
2
05782C
E
006118479395133
Swiped
Online

SALE AMOUNT

\$6.68 X
Meals

Report Generated On: 5/9/2016

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To: ALYSSA_SUZANNE@HOTMAIL.COM
Subject: Amtrak: eTicket and Receipt for Your 01/27/2016 Trip - ALYSSA THORVALDSEN
Attachments: Thorvaldsen Alyssa 201601251516040674.pdf

SALES RECEIPT



Purchased: 01/25/2016 12:16 PM PT Thank you for your purchase.

1. Retain this receipt for your records.
2. Print the attached eTicket and carry during your trip.

Merchant ID 0071060 Massachusetts Avenue Washington, DC 20002800-USA-
 RAILAmtrak.com

Reservation Number - 232261 ROUTE 128-WSTWD,
 MA - NEW YORK PENN, NY (Round-Trip) JANUARY 25, 2016
 Billing Information

ALYSSA THORVALDSEN 213 WOMPATUCK RD HINGHAM, MA 02043-

Discover ending in 1279 (Purchase) Authorization Code 02583R

Total \$313

Purchase Summary - Ticket Number 0250710598997

Train 2151: ROUTE 128, MA - NEW YORK (PENN STATION), NY Depart 5:19
 AM, Wednesday, January 27, 2016
 1 ACALA EXPRESS BUSINESS CL SEAT

\$115.00

Ticket Terms & Conditions ACALA EXPRESS SERVICE, NO PARTIAL REFUND IF USED ON OTHER
 SERVICE

Subtotal

\$115.00

Train 2166: NEW YORK (PENN STATION), NY - ROUTE 128, MA Depart 4:00
 PM, Wednesday, January 27, 2016

1 ACELA EXPRESS BUSINESS CL SEAT	\$198.00
Ticket Terms & Conditions ACELA EXPRESS SERVICE, NO PARTIAL REFUND IF USED ON OTHER SERVICE	
	Subtotal
	\$198.00
	Total Charged by Amtrak
	\$313.00 X

Transportation

Passengers

Alyssa Thorvaldsen

Important Information

- Tickets are non-transferrable.
- Changes to your itinerary may affect your fare.
- Refund and exchange restrictions and penalties for failure to cancel unwanted travel may apply. If your travel plans change, call us before departure to change your reservation. If you do not board your train, your entire reservation from that point will be canceled. If you board a different train without notifying us, you will have to pay for it separately; the conductor cannot apply the money paid for your prior reservation. For all travel on or after March 1, 2014, for most Acela Express Business class reservations and Reserved Coach class reservations, you must cancel your reservation at least 24 hours prior to the train's departure in order to be eligible for a full refund. If the reservation is canceled within 24 hours of departure, a refund fee will apply. If the reservation is not canceled prior to scheduled departure ("no show"), the entire amount paid for the reservation will be forfeited. See the refund/exchange policy at Amtrak.com/refund.
- Summary of Conditions of Contract: Ticket valid for carriage or refund (subject to the refund rules of the fare purchased) for twelve months after date of issue unless otherwise specified. Amtrak tickets may only be sold or issued by Amtrak or an authorized travel agent/tour operator. Tickets sold or issued by an unauthorized third party will be voided by Amtrak. This ticket is a contract of carriage between Amtrak and the ticket holder, which is subject to specific terms and conditions, which are available for inspection at Amtrak ticket counters, on the Amtrak website at Amtrak.com/conditionsofcontract, or by calling 1-800-USA-RAIL. Tickets sold for non-Amtrak service are subject to the tariffs of the providing carrier.
- Questions? Contact us online at Amtrak.com/contact or call 1-800-USA-RAIL (1-800-872-7245) or TDD/TTY (1-800-523-6590).

\$-122
credit for
reduced return
fare from
\$198 to \$76
for re-booking
on day of
travel due to
actual meeting
duration

EXCHANGE RECEIPT		Ticket Coupon 01 of 01
I acknowledge receipt of the refund and accept billing to the credit card indicated below.		
X	27 Jan 16 0143 PM	NYP
THORVALDSEN / ALYSSA		800-USA-RAIL
		RES# 232261-250116
		TKT# 0273339544192

I HAVE RECEIVED A REFUND IN THE FORM OF CASH AND/OR CREDIT TO
CARD NUMBERS INDICATED AND/OR IN THE FORM OF A VOUCHER.

PLEASE REFER TO YOUR ETICKET TRAVEL DOCUMENT FOR ADDITIONAL FARE RESTRICTION INFORMATION

Form of Payment	
Rail Fare	Fare Plan Discover Tkt. Pts. 1279 122.00
Accom Charge	Pricing Pts
Total Charge	097610902756
SEE REVERSE SIDE FOR CONDITIONS OF CONTRACT.	
NRPT 96	STOCK CONTROL NO.
TKT NO - DO NOT MARK OR STAMP IN THIS BLOCK	

REFUND RECEIPT	
EXCHAN	01 TKTs RFRD/ 0250710599003
CRIG /	
TRAVE ORIG AMT PAID	198.00
FORFE USED PORTION	76.00
AVAI FORFEITED AMOUNT	0.00
REVI EXC VOUCHER	0.00
TKT REFUND FEE	0.00
REF CCR DS 1279	0.00
REF	122.00

Transportation

(Refund)

AGENT: 3339	
Ticket Number	27 JAN 16 / 143P NYP
Date of Issue	
PASSENGER RECEIPT	

alyssa_suzanne@hotmail.com

From: etickets@amtrak.com
Sent: Monday, February 15, 2016 4:55 PM
To: ALYSSA_SUZANNE@HOTMAIL.COM
Subject: Amtrak: eTicket and Receipt for Your 02/17/2016 Trip - ALYSSA THORVALDSEN
Attachments: Thorvaldsen Alyssa 201602151654340607.pdf

SALES RECEIPT



Purchased: 02/15/2016 1:54 PM PT Thank you for your purchase.

1. Retain this receipt for your records.
2. Print the attached eTicket and carry during your trip.

Merchant ID 0074360 Massachusetts Avenue Washington, DC 20002800-USA-
 RAILAmtrak.com

Reservation Number - 38141E **ROUTE 128-WSTWD,**
MA - STAMFORD, CT (Round-Trip) FEBRUARY 15, 2016
 Billing Information

ALYSSA THORVALDSEN 213 WOMPATUCK RD HINGHAM, MA 02043-

Discover ending in 1279 (Purchase) Authorization Code 01508R

Total \$302
 Transportation

Purchase Summary - Ticket Number 0460743557551

Train 2151: ROUTE 128, MA - STAMFORD, CT Depart 5:19 AM, Wednesday,
 February 17, 2016
 1 ACALA EXPRESS BUSINESS CL SEAT

\$111.00

Ticket Terms & Conditions ACALA EXPRESS SERVICE, NO PARTIAL REFUND IF USED ON OTHER
 SERVICE

Subtotal

\$111.00

Train 2168: STAMFORD, CT - ROUTE 128, MA Depart 5:48 PM, Wednesday,
 February 17, 2016

	Revised Fare
	\$191.00
	Total Charged
	\$0.00

Passengers

Alyssa Thorvaldsen

Important Information

- Tickets are non-transferrable.
- Changes to your itinerary may affect your fare.
- Refund and exchange restrictions and penalties for failure to cancel unwanted travel may apply. If your travel plans change, call us before departure to change your reservation. If you do not board your train, your entire reservation from that point will be canceled. If you board a different train without notifying us, you will have to pay for it separately; the conductor cannot apply the money paid for your prior reservation. For all travel on or after March 1, 2014, for most Acela Express Business class reservations and Reserved Coach class reservations, you must cancel your reservation at least 24 hours prior to the train's departure in order to be eligible for a full refund. If the reservation is canceled within 24 hours of departure, a refund fee will apply. If the reservation is not canceled prior to scheduled departure ("no show"), the entire amount paid for the reservation will be forfeited. See the refund/exchange policy at Amtrak.com/refund.
- Summary of Conditions of Contract: Ticket valid for carriage or refund (subject to the refund rules of the fare purchased) for twelve months after date of issue unless otherwise specified. Amtrak tickets may only be sold or issued by Amtrak or an authorized travel agent/tour operator. Tickets sold or issued by an unauthorized third party will be voided by Amtrak. This ticket is a contract of carriage between Amtrak and the ticket holder, which is subject to specific terms and conditions, which are available for inspection at Amtrak ticket counters, on the Amtrak website at Amtrak.com/conditionsofcontract, or by calling 1-800-USA-RAIL. Tickets sold for non-Amtrak service are subject to the tariffs of the providing carrier.
- Questions? Contact us online at Amtrak.com/contact or call 1-800-USA-RAIL (1-800-872-7245) or TDD/TTY (1-800-523-6590).

Task 03

RENTAL AGREEMENT NUMBER 34263476

RECEIPT

YOUR INFORMATION

Customer Name : THORVALDSEN,ALYSSA
Methods Of Payment : CASH

YOUR VEHICLE INFORMATION

Avis Car Number : 4 6 5 8 1 3 9 3
Plate Number : NY FLB5073
Veh Grp Charged : Subcompact
Veh Grp Rented : Subcompact
Veh Description : GRV KIA RIO 4DR SEDAN
Total Driven : 100 MIs Odometer In: 7299 MIs
Fuel Gauge Reading: Full

YOUR RENTAL

Pickup Date/Time : FEB 17,2016@08:00 AM
Pickup Location : ONE STATION PLAZA
STAMFORD,CT,06902,US

Return Date/Time : FEB 17,2016@03:37 PM
Return Location : ONE STATION PLAZA
STAMFORD,CT,06902,US

YOUR VEHICLE CHARGES:

MIN 1 DAY MAX 98 HRS

RATE CHART TIME AND MILEAGE

MIs : Unlimited
HRLY : 18.75
DAILY: 24.99
WKLY: 124.95
MNTLY:

MIN 1DY/24H 100FM + 24.99
Less 5.00% Discount = 1.25

Time & Mileage: 23.74

TAXABLE FEES

ENERGY RECOVERY FEE .60 /DY + .60

3% SURCHARGE + .76

Subtotal Charges: 25.10

Sales Tax 9.350% + 2.35

NON TAXABLE ITEMS

CT TOURISM FEE 1.00 /DY + 1.00

Your Total Charges Paid: 28.45

Prepayment : .00

NET CHARGES: USD 0.00

Your Total Due: 0.00

Fuel service: .3625/MI. 9.790/Gal

CONNECTICUT RENTAL VEHICLE SURCHARGE

YOUR OPTIONAL PRODUCTS/SERVICES

☒ Transportation

NOTICES AVIS NOTICES AVIS NOTICES AVIS NOTICES

I agree to the rental charges above. I acknowledge additional charges could be added based on tolls, tickets, fines administrative charges and other fees which may be applicable.X

Thank you for renting with Avis.

If you have questions regarding this rental, call us at 203-964-3200

This vehicle was rented to you by HAROLD

This vehicle was checked in for you by VICTOR

DISCOVER

Discover® More® Card

Open Date: Feb 4, 2016 - Close Date: Mar 3, 2016
Page 3 of 6**CONTACT US**

Web
Access your
account securely
at Discover.com



Mobile
Manage your
account anytime,
anywhere at
m.Discover.com



Phone
1-800-DISCOVER
(1-800-347-2683)
TDD 1-800-347-7449



Inquiry
Discover
PO Box 30943
Salt Lake City
UT 84130



Mail Payments
Discover
PO Box 6103
Carol Stream
IL 60187-6103

Transactions

Trans. Date Post Date

Feb 22

Feb 22

RENT A CAR TOLLS 866-2856265 NY

8.95

Transportation

NOTICE: SEE REVERSE SIDE FOR IMPORTANT INFORMATION

Task 03

RENTAL AGREEMENT NUMBER 342652015

RECEIPT

YOUR INFORMATION

Customer Name : THORVALDSEN,ALYSSA
Avis Worldwide Disc : RETAIL ME NOT
Methods Of Payment : CASH

YOUR VEHICLE INFORMATION

Avis Car Number : 4 7 6 8 9 4 1 2
Plate Number : NY HGG1889
Veh Grp Charged : Subcompact
Veh Grp Rented : Cool Cars
Veh Description : ONG FORD MUSTANG 2DR/4PSGR
Total Driven : 80 MIs Odometer In: 1964 MIs
Fuel Gauge Reading: Full

YOUR RENTAL

Pickup Date/Time : APR 27,2016@07:58 AM
Pickup Location : ONE STATION PLAZA
STAMFORD,CT,06902,US

Return Date/Time : APR 27,2016@02:26 PM
Return Location : ONE STATION PLAZA
STAMFORD,CT,06902,US

YOUR VEHICLE CHARGES:

MIN 1 DAY MAX 98 HRS
RATE CHART TIME AND MILEAGE
MIs : Unlimited
HRLY : 63.75
DAILY : 84.99
WKLY : 424.95
MNTLY :
MIN 1DY/2A/A 80FM + 84.99
Multi Discount Applied - 8.29
Time & Mileage: 76.70
TAXABLE FEES
ENERGY RECOVERY FEE .60 /DY + .60
H 3% SURCHARGE + 2.35
Subtotal Charges: 79.65
Sales Tax 9.350% + 7.45
NON TAXABLE ITEMS
CT TOURISM FEE 1.00 /DY + 1.00
Your Total Charges Paid: 88.10
Prepayment : .00
NET CHARGES: USD 0.00
Your Total Due: 0.00
Fuel service: .5152/MI 9.790/Gal
CONNECTICUT RENTAL VEHICLE SURCHARGE

YOUR OPTIONAL PRODUCTS/SERVICES

~~Transportation~~

-----NOTICES-----AVIS-----NOTICES-----AVIS-----NOTICES-----AVIS-----NOTICES

I agree to the rental charges above. I acknowledge additional charges could be added based on tolls, tickets, fines administrative charges and other fees which may be applicable.X

Thank you for renting with Avis.

If you have questions regarding this rental, call us at 203-964-3200

This vehicle was rented to you by HAROLD

This vehicle was checked in for you by JUSTIN

alyssa_suzanne@hotmail.com

From: etickets@amtrak.com
Sent: Tuesday, April 26, 2016 1:55 PM
To: ALYSSA_SUZANNE@HOTMAIL.COM
Subject: Amtrak: eTicket and Receipt for Your 04/27/2016 Trip - ALYSSA THORVALDSEN
Attachments: Thorvaldsen Alyssa 201604261354570886.pdf

SALES RECEIPT



Purchased: 04/26/2016 10:54 AM PT Thank you for your purchase.

1. Retain this receipt for your records.
2. Print the attached eTicket and carry during your trip.

Merchant ID 0068760 Massachusetts Avenue Washington, DC 20002800-USA-
 RAILAmtrak.com

Reservation Number - 8A77C5 ROUTE 128-WSTWD,
MA - STAMFORD, CT (Round-Trip) APRIL 26, 2016
 Billing Information

ALYSSA THORVALDSEN 213 WOMPATUCK RD HINGHAM, MA 02043-

Visa ending in 5631 (Purchase) Authorization Code 03722C

Total \$321

Purchase Summary - Ticket Number 1170687548941

Train 2151: ROUTE 128, MA - STAMFORD, CT Depart 5:19 AM, Wednesday, April 27, 2016

1 ACELA EXPRESS BUSINESS CL SEAT

\$130.00

Ticket Terms & Conditions ACELA EXPRESS SERVICE, NO PARTIAL REFUND IF USED ON OTHER SERVICE

Subtotal

\$130.00

Train 2168: STAMFORD, CT - ROUTE 128, MA Depart 5:48 PM, Wednesday, April 27, 2016

1 ACELA EXPRESS BUSINESS CL SEAT	\$191.00
Ticket Terms & Conditions ACELA EXPRESS SERVICE, NO PARTIAL REFUND IF USED ON OTHER SERVICE	
	Subtotal
	\$191.00
	Total Charged by Amtrak
	\$321.00



Transportation
4/27 Original
ticket amount

Passengers

Alyssa Thorvaldsen

Important Information

- Tickets are non-transferrable.
- Changes to your itinerary may affect your fare.
- Refund and exchange restrictions and penalties for failure to cancel unwanted travel may apply. If your travel plans change, call us before departure to change your reservation. If you do not board your train, your entire reservation from that point will be canceled. If you board a different train without notifying us, you will have to pay for it separately; the conductor cannot apply the money paid for your prior reservation. For most Acela Express Business class reservations and Reserved Coach class reservations, you must cancel your reservation at least 24 hours prior to the train's departure in order to be eligible for a full refund. If the reservation is canceled within 24 hours of departure, a refund fee will apply. If the reservation is not canceled prior to scheduled departure ("no show"), the entire amount paid for the reservation will be forfeited. See the refund/exchange policy at Amtrak.com/refund.
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- Questions? Contact us online at Amtrak.com/contact or call 1-800-USA-RAIL (1-800-872-7245) or for text telephone (TTY) 1-800-523-6590.

alyssa_suzanne@hotmail.com

From: etickets@amtrak.com
Sent: Wednesday, April 27, 2016 2:37 PM
To: ALYSSA_SUZANNE@HOTMAIL.COM
Subject: Amtrak: eTicket and Receipt for Your 04/27/2016 Trip - ALYSSA THORVALDSEN
Attachments: Thorvaldsen Alyssa 201604271437180685.pdf

SALES RECEIPT



Purchased: 04/26/2016 10:54 AM PT Modified: 04/27/2016 11:36 AM PT Thank you for your purchase.

1. Retain this receipt for your records.
2. Print the attached eTicket and carry during your trip.


60 Massachusetts Avenue Washington, DC 20002 800-USA-RAIL Amtrak.com

Reservation Number - 8A77C5 STAMFORD, CT -
ROUTE 128-WSTWD, MA (One-Way) APRIL 26, 2016
 Billing Information

ALYSSA THORVALDSEN 213 WOMPATUCK RD HINGHAM, MA 02043-	
Visa ending in 5631 (Credit)	\$124
Total Refunded to Credit Card	
	\$124.00

Change Summary - Ticket Number 1184329551304

Original Amount Paid	Original ticket amount	\$321.00
Travel Amount Used		(\$130.00)
		Subtotal

	\$191.00
<hr/>	
Revised Trip Details Train 174: STAMFORD, CT - ROUTE 128, MA Depart 2:48 PM, Wednesday, April 27, 2016 1 RESERVED COACH SEAT	
	\$67.00
	Subtotal
	\$67.00
	Revised Fare
	\$67.00
	Total Refunded to Credit Card
	\$124.00 

Passengers

Alyssa Thorvaldsen

Important Information

- Tickets are non-transferrable.
- Changes to your itinerary may affect your fare.
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you board a different train without notifying us, you will have to pay for it separately; conductor cannot apply the money paid for your prior reservation. For most Acela Exp Business class reservations and Reserved Coach class reservations, you must cancel your reservation at least 24 hours prior to the train's departure in order to be eligible for a full refund. If the reservation is canceled within 24 hours of departure, a refund fee will apply. If the reservation is not canceled prior to scheduled departure ("no show"), the entire amount paid for the reservation will be forfeited. See the refund/exchange policy at Amtrak.com/refund.
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- Questions? Contact us online at Amtrak.com/contact or call 1-800-USA-RAIL (1-800-872-7245) or for text telephone (TTY) 1-800-523-6590.

Transportation
4/27 \$-124
credit for
reduced return
fare from
\$191 to \$67
for re-booking
on day of
travel due to
actual meeting